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KEYED FILTER ASSEMBLY

ABSTRACT OF THE DISCLOSURE

Disclosed is a unique filter assembly for ensuring replacement cartridge compatibility in filtration systems having replaceable filter cartridges with lugged mounting systems. One representative filter assembly includes a representative cartridge member having a body portion for enclosing filter media and a neck portion depending therefrom. The representative neck portion of the representative cartridge includes at least one axial inlet port for directing unfiltered fluid into the body portion and at least one axial outlet port for directing filtered fluid out of the body portion. The representative neck portion also has at least two representative lugs depending radially outwardly therefrom, wherein at least one lug defines a keyed engagement surface, a leading inclined cam surface and a trailing inclined cam surface. The at least two representative lugs wherein at least one lug defines a keyed engagement surface, a leading inclined cam surface and a trailing inclined cam surface could be operatively positioned on other components of the representative filter assembly as well.